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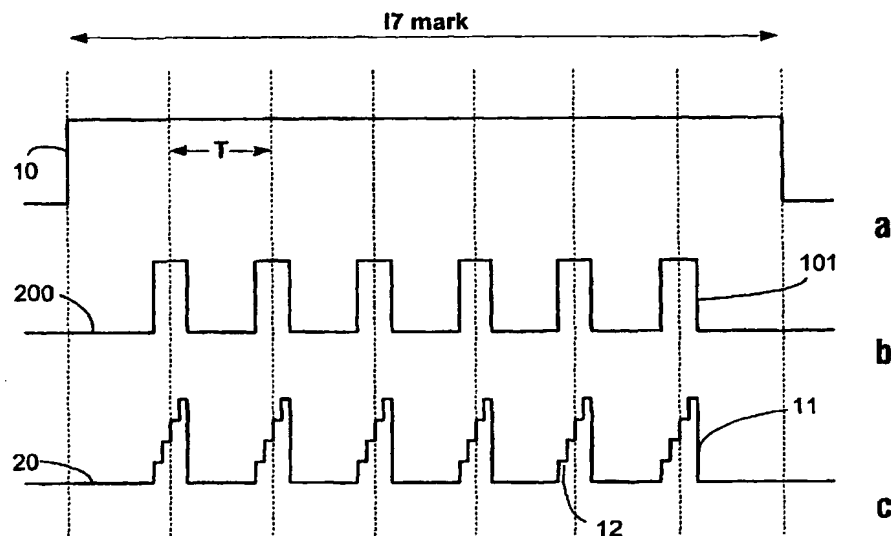
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(54) Title: METHOD AND APPARATUS FOR RECORDING MARKS IN A PHASE-CHANGE TYPE INFORMATION LAYER OF A RECORD CARRIER



(57) Abstract: The invention relates to a method of recording marks representing data (1a) in a information layer of a record carrier by irradiating the information layer by means of a pulsed radiation beam, a mark being written by a sequence (1c) of one or more write pulses, said information layer having a phase reversibly changeable between a crystalline phase and an amorphous phase. At least one of the write pulses in the sequence has a gradually rising front edge. This may be either a staircase-shaped write pulse (11) or a write pulse having a write power level which continuously increases as a function of time. A write strategy applying such a method is advantageous for recording marks in multi-layer record carriers and in record carriers being recorded at high recording speeds. The invention also relates to recording apparatus capable of carrying out the method.